

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

NILSSON=6 B

SERIAL NO.

10/658,376

INFORMATION DISCLOSURE STATEMENT

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT: Dan NILSSON

FILING DATE: September 10,
2003

GROUP:

OTHER DOCUMENTS (Including Author, Title, Pertinent Page, Etc.)

E.I.

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| AA | DICKELY, Francoise et al., "Isolation of lactococcus lactis nonsense suppressors and construction of a food-grade cloning vector." MOLECULAR MICROBIOLOGY, vol. 15, no. 5, pp. 839-847 (1995). |
| AB | GASSON, M.J. et al., "Metabolic engineering of the Lactococcus lactis diacetyl pathway.", LAIT, vol. 76, pp. 33-40 (1996). |
| AC | "HPLC analysis determination of acids and carbohydrates in liquid fermentation media using internal standard.", CHR. HANSEN'S LABORATORIUM DANMARK A/S, Analytical Procedure AP1009 (1993). |
| AD | "HSGC- In situ derivation of acids in fermentates for physiological investigations." CHR. HANSEN'S, Technical Report TR 785, (1995). |
| AE | "HSGC - Determination of volatile organic compounds and α -aceto lactic acid.", CHR's HANSEN, Analytical Procedure AP 1048, (1995). |
| AF | HUGENHOLTZ, Jeroen, "Citrate metabolism in lactic acid bacteria.", FEMS MICROBIOLOGY REVIEWS, vol. 12, pp. 165-178 (1993). |
| AG | KNAPPE, Joachim, "Anaerobic dissimilation of pyruvate.", INSTITUTE FOR CHEMICAL BIOLOGY, no. 13, pp. 151-155. |
| AH | PLATTEEUW, Christ et al., "Metabolic engineering of Lactococcus lactis: Influence of the overproduction of α -acetolactate synthase in strains deficient in lactate dehydrogenase as a function of culture conditions" APPLIED AND ENVIRONMENTAL MICROBIOLOGY, pp. 3967-3971. |
| AI | SNOEP, Jacob., "Regulation of pyruvate catabolism in Enterococcus faecalis: A molecular approach to physiology.", ACADEMISCH PROEFSCHRIFT, Chp. 1-4, pp. 1-92 (1992). |
| AJ | TERZAGHI, Betty et al., "Improved medium for lactic streptococci and their bacteriophages.", APPLIED MICROBIOLOGY, vol. 29, no. 6, pp. 807-813 (1975). |
| AK | WESTERFELD, W., "A colorimetric determination of blood acetoin.", JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 16, pp. 495-502 (1945). |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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MAY 02 2005

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AL	PASCAL, Marie-Claire et al., "Genetic analysis of mutants of Escherichia coli K12 and Salmonella typhimurium LT2 deficient in hydrogenase activity." MOLEC. GEN. GENET., vol. 141, pp. 173-179 (1975).
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AM	PASCAL, Marie-Claire et al., "Mutants of Escherichia coli K12 with defects in anaerobic pyruvate metabolism" JOURNAL OF GENERAL MICROBIOLOGY, vol. 124, pp. 35-42 (1980).
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AN	VARENNE, S. et al., "A mutant of Escherichia coli deficient in pyruvate formate lyase.", MOLEC. GEN. GENET., vol. 141, pp. 181-184 (1975).
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SHEET 1 OF 1

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DOCKET NO: NILSSON = 6 6B		SERIAL NO: 10/658,376			
INFORMATION DISCLOSURE STATEMENT LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT: NILSSON, Dan					
					FILING DATE: September 10, 2003		GROUP: 1651			
U.S. PATENT DOCUMENTS (include at least patentee, patent number and issue date)										
EXAMINER INITIAL		DOCUMENT NUMBER				DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROP.
	AA									
	AB									
	AC									
	AD									
	AE									
	AF									
	AG									
	AH									
	AI									
	AJ									
	AK									
FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)										
		DOCUMENT NUMBER				DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES/NO
	AL									
	AM									
	AN									
	AO									
OTHER DOCUMENTS (include author, title, name of publication, volume, pages & date of publication)										
	AP	MCKAY, et al., Altered Metablism in a Streptococcus lactis C2 Mutant Deficient in Lactic Dehydrogenase, JOURNAL OF DAIRY SCIENCE, vol. 57, no. 2, pgs. 181-186, 1973.								
	AQ									
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APPLICANT: Dan NILSSON

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GROUP:

E-I OTHER DOCUMENTS (include author, title, name of publication, volume, pages and date of publication)

BP

F. Mat-Jan et al., "Mutants of Escherichia Coli Deficient in the Fermentative Lactate Dehydrogenase",
Journal of Bacteriology, vol. 171, no. 1, pg. 342-348, January, 1989.

BQ

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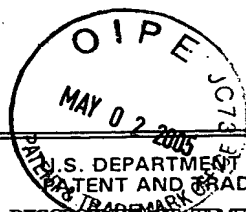
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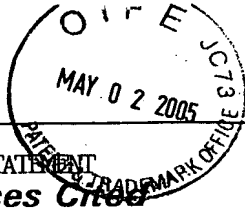
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		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB- CLASS
OTHER DOCUMENTS (include author, title, name of publication, volume, pages & date of publication)							
	CA	BÖCK, et al., <u>Fermentation</u> , ESCHERICHIA COLI AND SALMONELLA, CELLULAR AND MOLECULAR BIOLOGY, (Eds. in Chief Frederick C. Neidhardt), ASM Press, Washington, D.C., pgs. 262-282, 1996.					
	CB	BOLOTIN, et al., <u>Low-redundancy sequencing of the entire <i>Lactococcus lactis</i> IL1403 genome</u> , ANTONIE VAN LEEUWENHOEK, vol. 76, pgs. 27-76, 1999.					
	CC	COGAN, et al, <u>Impact of aeration on the metabolic end-products formed from glucose and galactose by <i>Streptococcus lactis</i></u> , JOURNAL OF APPLIED BACTERIOLOGY, vol. 66, pgs. 77-84, 1989.					
	CD	COLLINS, et a., <u>Roles of Acetate and Pyruvate in the Metabolism of <i>Streptococcus diacetilactis</i></u> , JOURNAL OF BACTERIOLOGY, vol. 103, no. 3, pgs. 541-546, 1970.					
	CE	CRONAN, et al., <u>Tricarboxylic Acid Cycle and Glyoxylate Bypass</u> , ESCHERICHIA COLI AND SALMONELLA CELLULAR AND MOLECULAR BIOLOGY (Eds. in Chief Frederick C. Neidhardt, ASM Press, Washington, D.C., pp. 206-216, 1996.					
	CF	GENNIS, et al., <u>Respiration</u> , ESCHERICHIA COLI AND SALMONELLA CELLULAR AND MOLECULAR BIOLOGY (Eds. in Chief Frederic C. Neidhardt, ASM Press, Washington, D.C., pp. 217-261, 1996.					
	CG	NEIDHARDT, <u>The Enteric Bacterial Cell and the Age of Bacteria</u> , ESCHERICHIA AND SALMONELLA CELLULAR AND MOLECULAR BIOLOGY (Eds. in Chief Frederic C. Neidhardt, ASM Press, Washington, D.C., pp. 1-3, 1996.					
	CH	REED, et al., <u>Acetate-Replacing Factors for Lactic Acid Bacteria</u> , J. BIOL. CHEM. vol. 192, pgs. 851-858, 1951.					
	CI	REITER, et al., <u>Nutritional studies on cheese starters</u> , J. DAIRY RES., vol. 29, pgs. 63-77, 1962.					
	CJ	SNOEP, et al., <u>Differences in sensitivity to NADH of purified pyruvate dehydrogenase complexes of <i>Enterococcus faecalis</i>, <i>Lactococcus lactis</i>, <i>Axotobacter vinelandii</i> and <i>Escherichia coli</i>: Implications of their activity in vivo</u> , FEMS MICROBIOLOGY LETTERS, vol. 114, pgs. 279-283, 1993.					
	CK	TAKAHASHI, et al., <u>Oxygen Sensitivity of Sugar Metabolism and Interconversion of Pyruvate Formate-Lyase in Intact Cells of <i>Streptococcus mutans</i> and <i>Streptococcus sanguis</i></u> , INFECTION AND IMMUNITY, vol. 55, no. 3, pgs. 652-656, 1987.					
	CL	TAKAHASHI, et al., <u>Purification of Pyruvate Formate-Lyase from <i>Streptococcus mutans</i> and Its Regulatory Properties</u> , JOURNAL OF BACTERIOLOGY, vol. 149, no. 3, pgs. 1034-1040, March 1982.					
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INFORMATION DISCLOSURE STATEMENT

Notice of References Cited

Application No.

10/658,376

Applicant(s)

Nilsson D.

Examiner

Vera Afremova

Group Art Unit

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U.S. PATENT DOCUMENTS

E.I.		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
	A					
	B					
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
	N						
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	P						
	Q						
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	S						
	T						

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	U	Takahashi et al. Oral Microbiology and Immunology. 1995. Vol. 10, pages 349-354.	
	V		
	W		
	X		